

**Homework 4**

Due by 5:00 PM on Tuesday, Feb. 10, 2015

Geary ch. 6 homework - Design a front landscape lens with:

$$\text{EFL} = 100 \text{ mm} \quad \lambda = 0.587 \text{ } \mu\text{m}$$

$$f/15 \quad \text{BK7 glass}$$

$$\bar{U} = 15^\circ \quad \text{lens center thickness} = t = 4 \text{ mm}$$

Refer to the steps and procedural guidance in Geary section 6.6 and in class.

For this Zemax design problem, submit a homework report explaining your procedures with an explanation of why you did things and how well they worked. Include listings of your Zemax lens model at key points, along with layout diagrams. Be sure to identify and briefly explain the main lessons learned.